SAMSUNG

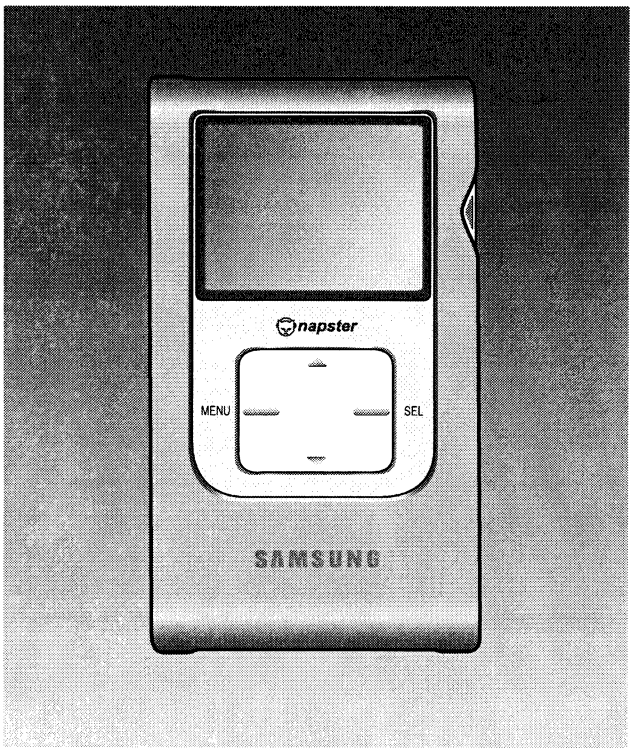
SAMS-02342

PORTABLE DIGITAL AUDIO PLAYER
YH-925GS

* Application Model:
YH-925GS/AAW,ELS,HAO,TSE,XAC,XAH
YH-925GS/XAP,XAX,XEU,XFA,XFO,XSA
YH-925GS/XSE,XSG,XSP

SERVICE Manual

PORTABLE DIGITAL AUDIO PLAYER



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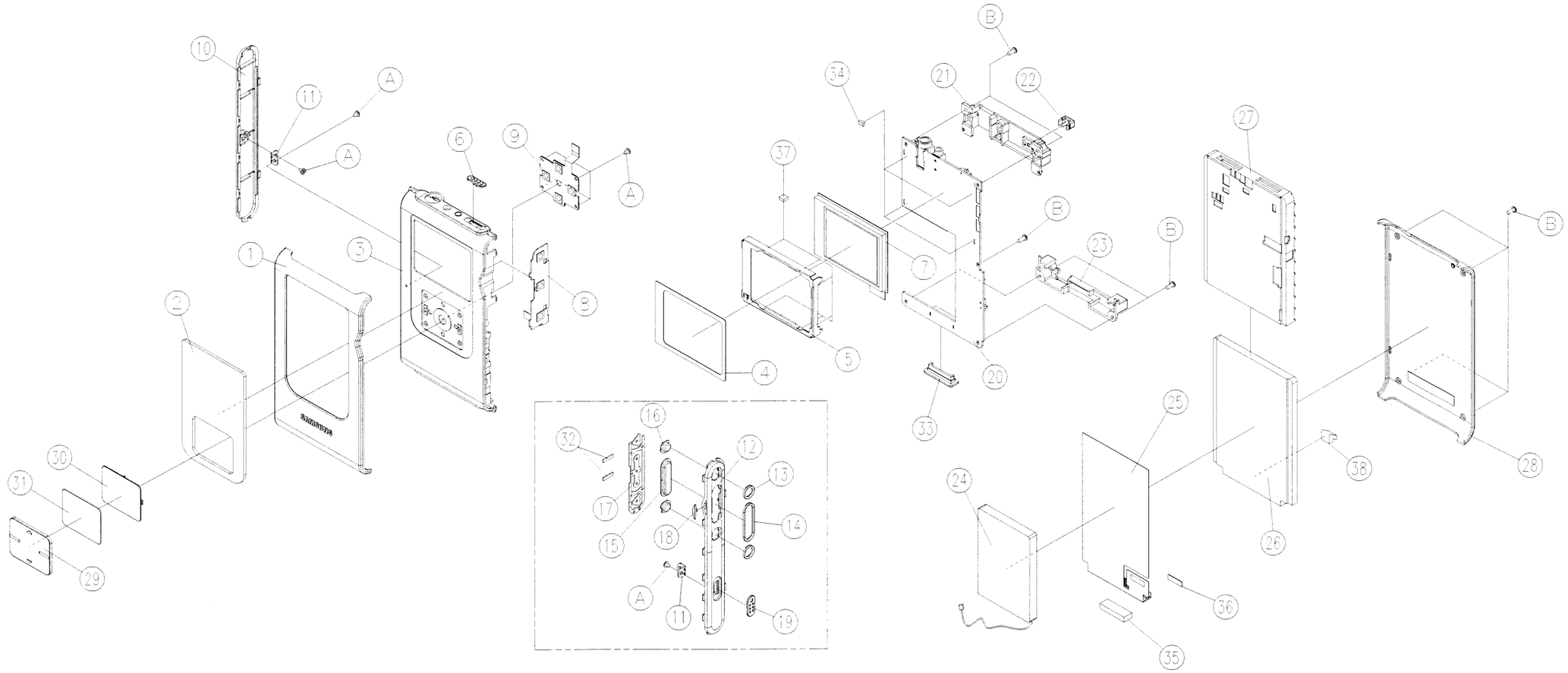
- Confidential -

Notice !! You can search for the updated part code through ITSELF web site.
URL; http://itself.sec.samsung.co.kr

1.Exploded Views and Parts List

1-1 Total Exploded View and Parts List



* Parts LIst of Exploded View

No.	Code No.	Description	Specification	Q'ty	REMARK
1	AH64-03004A	CABINET-TOP	ALP 5052(t0.8)/ANODIZING(SILVER)/DIA CUT	1	
2	AH64-03257A	WINDOW-LCD	ACRYL PLATE(t1.5)CLEAR / HARF MIRROR / HOLOGRAM	1	
3	AH61-01793A	FRAME-TOP	PC WHITE/SPRAY/SILK/INNKING/UV Half Coating	1	
4	AH63-00898A	SHEET-LCD	PC t0.14(COLOR:NONE)	1	
5	AH61-01819A	BRACKET-LCD	SPTE, T0.3	1	
6	AH64-03011A	KNOB-HOLD	PC WHITE/SPRAY/UV Half Coating	1	
7	AH07-00147A	TFT-LCD	1.79 TFT-color display LCD	1	
8	AH92-02271A	ASSY-SIDE PCB		1	
9	AH92-02270A	ASSY-FRONT PCB		1	
10	AH64-03018B	DECO-SIDE L	PC WHITE/SPRAY/SILK/UV Half Coating	1	
11	AH61-01748A	BRACKET-DECO SIDE	EGI t0.6	2	
12	AH64-03007A	DECO-SIDE R	PC WHITE/SPRAY/SILK/UV Half Coating	1	
13	AH64-03148A	DECO-FF REW	ABS NATURAL(GROSS Cr-PLATING)	2	
14	AH64-03009A	DECO-PLAY	ABS NATURAL(GROSS Cr-PLATING)	1	
15	AH64-03013A	KNOB-PLAY	PC WHITE/SPRAY/SILK/UV Half Coating	1	
16	AH64-03192A	KNOB-FF REW	PC WHITE/SPRAY/SILK/UV Half Coating	2	
17	AH61-01620A	BRKT-KNOB	SUS T0.15	1	
18	AH67-00291A	LENS-PLAY	ACRYL MILKY	1	
19	AH64-03014A	KNOB-REC	PC WHITE/SPRAY/INNKING/UV Half Coating	1	
20	AH92-02262A	ASSY-MAIN PCB		1	
21	AH61-01794A	HOLDER-JACK	PC WHITE	1	
22	AH64-03021A	KNOB-RESET	PC WHITE	1	
23	AH61-01625A	HOLDER-USB	PC WHITE	1	
24	4301-001045	BATTERY	Li-ion : 900 mA	1	
25	AH92-02272A	ASSY-PCB CONNECTOR		1	
26	AH59-01259A	HDD	KOREA˙æ	1	
27	AH61-01624A	HOLDER-HDD	ELASTOMER(WHITE)	1	
28	AH64-03005A	CABINET-BOTTOM	ALP 5052(t0.8)/ANODIZING(SILVER)/SILK	1	
29	AH64-03275A	DECO-NAVI	Ni(t0.25)/ElectroForming	1	
30	AH64-03012A	KNOB-NAVI	PC WHT	1	
31	AH63-00902A	SHEET-NAVI	3M DOUBLE TAPE / PET / 3M DOUBLE TAPE , t0.4	1	
32	AH63-00768A	SHEET-LENS	3M 471	2	
33	AH63-00740A	COVER-USB	ELASTOMER(WHITE)	1	
34	AH63-00903A	CUSHION-LCD	PORON t1.2 (BLACK)	4	
35	AH69-01344A	CUSHION-HDD	PORON t2.0	1	
36	AH63-00907A	CUSHION-CONNECTOR	SILICON t0.6	1	
37	AH63-00903B	CUSHION-BRACKET	PORON t1.3	6	
38	AH63-00869A	CUSHION-CONDUCTIVE	ELASTOMER SPRONGE + Ni Plating	1	
A	6003-001258	SCREW-TAP TITE	TAPTIPE,PH,+,M1.4,B,L2,NI PLT	7	
B	6003-001331	SCREW-TAP TITE	TAPTIPE,BH,+,M1.7,B,L5,Cr PLT	9	

2. Electrical Parts List

*S.N.A. : Service Not Available

Location no.	Code no.	Description & Specification	Remarks

**** YH-925GS Parts List ****

	AH92-02270A	**ASSY PCB-FRONT;YH-925,FRONT FPCB**
	AH92-02271A	**ASSY PCB-SIDE;YH-925,SIDE FPCB**
	AH92-02272A	**ASSY PCB-HDD CON FPCB;YH-925,HDD CON FPC**
	AH92-02352A	**ASSY PCB-ASSY-MAIN PCB NO FM;YH-920,WITH**
MIC1	3003-001087	MIC-CONDENSOR;2V,500UA,-44DB,2.2KOHM
LCD1	AH07-00147A	LCD;VG12E28-TLT-A,YH-925,128X RGBX
	AH61-01819A	BRACKET-LCD;YH-925,SPTE,T 0.3,-,-,-
UNDER LCD	AH63-00903A	CUSHION-LCD;YH-925,PORON,T1.3,-,-,BLACK,
	AH63-00903B	CUSHION-BRACKET;YH-925,PORON,t1.3,-,-,NO
D1	0401-001090	DIODE-SWITCHING;1SS355,80V,100MA,SOD-323
D2	0401-001090	DIODE-SWITCHING;1SS355,80V,100MA,SOD-323
D21	0401-001090	DIODE-SWITCHING;1SS355,80V,100MA,SOD-323
DD3	0402-001075	DIODE-RECTIFIER;MBR0520L,20V,0.5A,SOD-12
DD1	0404-001203	DIODE-SCHOTTKY;B240A,40V,2000MA,SMA,TP
D7	0406-001005	DIODE-TVS;SM05,6V/1mA,300,SOT-23
D20	0406-001005	DIODE-TVS;SM05,6V/1mA,300,SOT-23
D19	0406-001005	DIODE-TVS;SM05,6V/1mA,300,SOT-23
D18	0406-001005	DIODE-TVS;SM05,6V/1mA,300,SOT-23
D6	0406-001128	DIODE-TVS;MLVS-0603-E08,50V,-,-
D8	0406-001128	DIODE-TVS;MLVS-0603-E08,50V,-,-
D9	0406-001128	DIODE-TVS;MLVS-0603-E08,50V,-,-
LD9	0406-001128	DIODE-TVS;MLVS-0603-E08,50V,-,-
D5	0406-001128	DIODE-TVS;MLVS-0603-E08,50V,-,-
D10	0406-001128	DIODE-TVS;MLVS-0603-E08,50V,-,-
D11	0406-001128	DIODE-TVS;MLVS-0603-E08,50V,-,-
D16	0406-001128	DIODE-TVS;MLVS-0603-E08,50V,-,-
D17	0406-001128	DIODE-TVS;MLVS-0603-E08,50V,-,-
Q17	0501-000730	TR-SMALL SIGNAL;2SA1577,PNP,200MW,SOT-32
Q16	0501-000730	TR-SMALL SIGNAL;2SA1577,PNP,200MW,SOT-32
Q2	0504-000211	TR-DIGITAL;DTC143TU,NPN,200mW,4.7K,SC-70
Q21	0504-001011	TR-DIGITAL;-,NPN,200mW,4.7K/10K,SC-70,TP
Q9	0505-001426	FET-SILICON;IRLML6401,P,-12V,-4.3A,0.05o
Q22	0505-001426	FET-SILICON;IRLML6401,P,-12V,-4.3A,0.05o
Q20	0505-001426	FET-SILICON;IRLML6401,P,-12V,-4.3A,0.05o
Q19	0505-001426	FET-SILICON;IRLML6401,P,-12V,-4.3A,0.05o
Q15	0505-001426	FET-SILICON;IRLML6401,P,-12V,-4.3A,0.05o
Q14	0505-001845	FET-SILICON;Si2312DS,N,20V,3.77A,0.051oh
U1	0902-001744	IC-MICROPROCESSOR;PP5020-TF,24MHZ,16BIT,
U5	0909-001031	IC-REAL TIME CLOCK;8563,-,TSSOP,8P,118MI
U4	1105-001385	IC-DRAM;K4S561633,4X4MX16BIT,CSP,54P,-
U3	1107-001329	IC-FLASH MEMORY;29LV400,512Kx8/256Kx16,F
U15	1202-001061	IC-VOLTAGE COMP;LMV331M5,SOT-23,5P,3X1.
U11	1203-003254	IC-DC/DC CONVERTER;LTC3455,QFN,24P,4X4MM
U13	1203-003257	IC-DC/DC CONVERTER;XC9103,SOT-25,5P,2.9X
U7	1203-003442	IC-VOL. DETECTOR;XC61FC2842MR,SOT-23,3P,
U16	1203-003530	IC-POSI.FIXED REG.;XC62RP,SOT-23,3P,2.9x
U2	1205-002404	IC-CODEC;AK4537VN,QFN,52P,7.2X7.2MM,PLA
U12	1205-002517	IC-SWITCH;TPS2020D,SO,8P,-,-,5.5V,725mW,
R121	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608
R160	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608
R577	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005
R123	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005
R122	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005
R225	2007-000139	R-CHIP;220OHM,5%,1/16W,TP,1005
R224	2007-000139	R-CHIP;220OHM,5%,1/16W,TP,1005
R220	2007-000139	R-CHIP;220OHM,5%,1/16W,TP,1005
R134	2007-000139	R-CHIP;220OHM,5%,1/16W,TP,1005
RD28	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
RD27	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
RD26	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R970	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
RD33	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
RD35	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
RD36	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
RD45	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
RD7	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R110	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R120	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R14	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R15	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R16	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R962	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R95	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R207	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R17	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005
R501	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005
R500	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005
R219	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005
R209	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005
R208	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005
R106	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005
R700	2007-000144	R-CHIP;5.1KOHM,5%,1/16W,TP,1005
R301	2007-000146	R-CHIP;6.8KOHM,5%,1/16W,TP,1005
RD37	2007-000148	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
RD34	2007-000148	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
R924	2007-000148	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
R923	2007-000148	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
R107	2007-000148	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
R108	2007-000148	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
R217	2007-000148	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
R502	2007-000148	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
R218	2007-000152	R-CHIP;20KOHM,5%,1/16W,TP,1005
R185	2007-000154	R-CHIP;24Kohm,5%,1/16W,DA,TP,1005
RD25	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005
R205	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005
R204	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005
R960	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R961	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R963	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R964	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R965	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R959	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R920	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R948	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R956	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R957	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R958	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
RD22	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
RD30	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
RD43	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
RD44	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
RD47	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
RD18	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R972	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R973	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R975	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
RD11	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
RD16	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R162	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R164	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R165	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R167	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R170	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R139	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R1	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R10	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R129	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R133	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R137	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R48	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R7	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R9	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R918	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R919	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R402	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R212	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R213	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R216	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R300	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
R401	2007-000162	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
RD20	2007-000164	R-CHIP;150Kohm,5%,1/16W,DA,TP,1005
R103	2007-000164	R-CHIP;150Kohm,5%,1/16W,DA,TP,1005
R974	2007-000170	R-CHIP;1MOHM,5%,1/16W,TP,1005
R505	2007-000170	R-CHIP;1MOHM,5%,1/16W,TP,1005
R222	2007-000170	R-CHIP;1MOHM,5%,1/16W,TP,1005
R105	2007-000170	R-CHIP;1MOHM,5%,1/16W,TP,1005
R181	2007-000170	R-CHIP;1MOHM,5%,1/16W,TP,1005
R182	2007-000170	R-CHIP;1MOHM,5%,1/16W,TP,1005
RD48	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005
R971	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005
R932	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005
R101	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005
R100	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005
R967	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005
R968	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005
RD40	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005
RD41	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005
R943	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005
R200	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005
R201	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005
R929	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005
R930	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005
RD31	2007-000758	R-CHIP;330KOHM,5%,1/16W,TP,1005
RD29	2007-000758	R-CHIP;330KOHM,5%,1/16W,TP,1005
RD10	2007-000758	R-CHIP;330KOHM,5%,1/16W,TP,1005
R102	2007-000758	R-CHIP;330KOHM,5%,1/16W,TP,1005
RD23	2007-000775	R-CHIP;33Kohm,5%,1/16W,DA,TP,1005
R109	2007-000982	R-CHIP;5.6KOHM,5%,1/16W,TP,1005
R221	2007-001119	R-CHIP;680OHM,5%,1/16W,TP,1005
R183	2007-001244	R-CHIP;91Kohm,5%,1/16W,DA,TP,1005

Location no.	Code no.	Description & Specification	Remarks
R180	2007-001292	R-CHIP;33OHM,5%,1/16W,TP,1005	
RD14	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	
R112	2007-003001	R-CHIP;12OHM,5%,1/16W,DA,TP,1005	
R202	2007-003025	R-CHIP;6.8OHM,5%,1/16W,DA,TP,1005	
R203	2007-003025	R-CHIP;6.8OHM,5%,1/16W,DA,TP,1005	
R227	2007-007001	R-CHIP;3.9KOHM,5%,1/16W,DA,TP,1005	
R226	2007-007001	R-CHIP;3.9KOHM,5%,1/16W,DA,TP,1005	
R206	2007-007001	R-CHIP;3.9KOHM,5%,1/16W,DA,TP,1005	
R104	2007-007099	R-CHIP;2MOHM,5%,1/16W,DA,TP,1005	
RD3	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	
RD13	2007-007156	R-CHIP;1OHM,5%,1/16W,TP,1005	
RD12	2007-007156	R-CHIP;1OHM,5%,1/16W,TP,1005	
RD4	2007-007488	R-CHIP;75Kohm,1%,1/16W,DA,TP,1005	
RD5	2007-008453	R-CHIP;1.24KOHM,1%,1/16W,TP,1005	
RD2	2007-008676	R-CHIP;80.6KOHM,1%,1/16W,TP,1005	
RD6	2007-008697	R-CHIP;2.49KOHM,1%,1/16W,TP,1005	
RD8	2007-008697	R-CHIP;2.49KOHM,1%,1/16W,TP,1005	
RD21	2007-008780	R-CHIP;0.1OHM,1%,1/16W,TP,1005	
RD1	2007-009079	R-CHIP;255Kohm,1%,1/16W,TP,1005	
R950	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R949	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R945	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R944	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R951	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R952	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R953	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R954	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R955	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R933	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R935	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R936	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R937	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R938	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R942	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R941	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R940	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R939	2011-001262	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,2.	
R947	2011-001394	R-NET;100KOHM,5%,1/16W,L,CHIP,8P,TP	
R946	2011-001394	R-NET;100KOHM,5%,1/16W,L,CHIP,8P,TP	
R928	2011-001394	R-NET;100KOHM,5%,1/16W,L,CHIP,8P,TP	
R927	2011-001394	R-NET;100KOHM,5%,1/16W,L,CHIP,8P,TP	
R925	2011-001394	R-NET;100KOHM,5%,1/16W,L,CHIP,8P,TP	
C727	2203-000138	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,1005,-	
C726	2203-000138	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,1005,-	
CD21	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,-,1005	
CD20	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,-,1005	
CD1	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,-,1005	
C701	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,-,1005	
CD3	2203-000278	C-CER,CHIP;0.01NF,0.5PF,50V,C0G,TP,1005	
C705	2203-000278	C-CER,CHIP;0.01NF,0.5PF,50V,C0G,TP,1005	
C704	2203-000278	C-CER,CHIP;0.01NF,0.5PF,50V,C0G,TP,1005	
C219	2203-000278	C-CER,CHIP;0.01NF,0.5PF,50V,C0G,TP,1005	
C218	2203-000278	C-CER,CHIP;0.01NF,0.5PF,50V,C0G,TP,1005	
C710	2203-000330	C-CER,CHIP;0.012NF,5%,50V,C0G,TP,1005	
C709	2203-000330	C-CER,CHIP;0.012NF,5%,50V,C0G,TP,1005	
C504	2203-000330	C-CER,CHIP;0.012NF,5%,50V,C0G,TP,1005	
C503	2203-000330	C-CER,CHIP;0.012NF,5%,50V,C0G,TP,1005	
C725	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	
C227	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	
C8	2203-000812	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1005	
C6	2203-000812	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1005	
C5	2203-000812	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1005	
C2	2203-000812	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1005	
C3	2203-000812	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1005	
C4	2203-000812	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1005	
C222	2203-000885	C-CER,CHIP;4.7nF,10%,25V,X7R,TP,1005,-	
CD12	2203-000995	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,1005	
C211	2203-000995	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,1005	
C210	2203-000995	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,1005	
C205	2203-000995	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,1005	
C204	2203-000995	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,1005	
C502	2203-001201	C-CER,CHIP;0.007nF,0.5pF,50V,NP0,TP,1005	
C501	2203-001201	C-CER,CHIP;0.007nF,0.5pF,50V,NP0,TP,1005	
C105	2203-001201	C-CER,CHIP;0.007nF,0.5pF,50V,NP0,TP,1005	
C60	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C59	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C58	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C57	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C711	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C712	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C713	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C714	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C715	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C56	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C33	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C34	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C38	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C500	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C51	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C52	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C53	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C54	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C55	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	

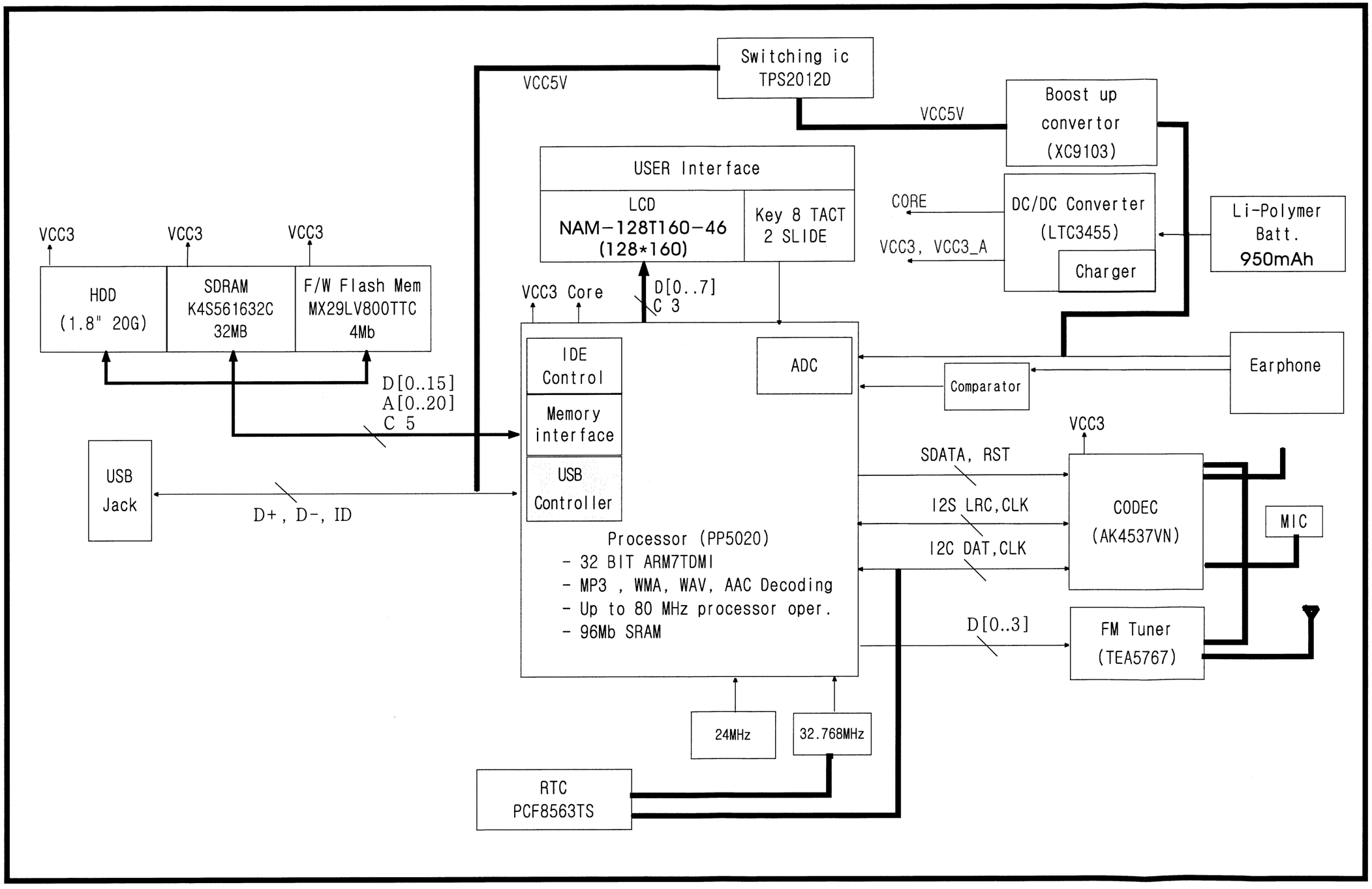
Location no.	Code no.	Description & Specification	Remarks
C732	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
CD15	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
CD16	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
CD17	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
CD24	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
CD26	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
CD27	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
CD28	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
CD30	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C731	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C716	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C717	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C718	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C719	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C721	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C723	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C724	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C729	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C730	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C13	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C14	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C15	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C16	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C17	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C18	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C21	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C212	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C214	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C12	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C10	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C100	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C101	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C103	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C104	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C106	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C107	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C11	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C119	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C25	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C26	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C28	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C29	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C30	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C300	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C301	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C31	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C32	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C24	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C216	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C22	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C221	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C225	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C226	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C234	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C233	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C230	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C23	2203-002709	C-CER,CHIP;100nF,+80-20%,16V,Y5V,-,1005	
C700	2203-002982	C-CER,CHIP;6.8nF,10%,50V,X7R,TP,1005	
C720	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,-,1608	
C209	2203-005172	C-CER,CHIP;47nF,+80-20%,25V,Y5V,TP,1005	
C231	2203-005172	C-CER,CHIP;47nF,+80-20%,25V,Y5V,TP,1005	
C223	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	
CD7	2203-005386	C-CER,CHIP;10000nF,80-20%,10V,Y5V,TP,321	
CD9	2203-005493	C-CER,CHIP;220nF,+80-20%,16V,Y5V,1005	
CD13	2203-005493	C-CER,CHIP;220nF,+80-20%,16V,Y5V,1005	
C201	2203-005493	C-CER,CHIP;220nF,+80-20%,16V,Y5V,1005	
C200	2203-005493	C-CER,CHIP;220nF,+80-20%,16V,Y5V,1005	
C224	2203-005900	C-CER,CHIP;1000NF,+80-20%,10V,Y5V,1005	
C232	2203-005900	C-CER,CHIP;1000NF,+80-20%,10V,Y5V,1005	
C250	2203-005900	C-CER,CHIP;1000NF,+80-20%,10V,Y5V,1005	
C208	2203-005900	C-CER,CHIP;1000NF,+80-20%,10V,Y5V,1005	
C150	2203-005900	C-CER,CHIP;1000NF,+80-20%,10V,Y5V,1005	
C206	2203-005900	C-CER,CHIP;1000NF,+80-20%,10V,Y5V,1005	
C207	2203-005900	C-CER,CHIP;1000NF,+80-20%,10V,Y5V,1005	
CD11	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
CD14	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
CD2	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
CD29	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
CD4	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
CD8	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
CD10	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
C19	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
C213	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
C215	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
C217	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
C235	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
C27	2203-006143	C-CER,CHIP;22000NF,20%,6.3V,X5R,TP,3216	
CD6	2203-006144	C-CER,CHIP;4700NF,10%,16V,X7R,TP,3216	
C220	2404-000175	C-TA,CHIP;2.2uF,20%,6.3V,-,TP,3216,1.1mm	
CD22	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C108	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C401	2404-001222	C-TA,CHIP;22uF,20%,10V,LZ,TP,3216	
C722	2404-001247	C-TA,CHIP;22UF,20%,4V,WT,TP,2012	

Location no.	Code no.	Description & Specification	Remarks
C229	2404-001247	C-TA,CHIP;22UF,20%,4V,WT,TP,2012	
C228	2404-001247	C-TA,CHIP;22UF,20%,4V,WT,TP,2012	
C102	2404-001247	C-TA,CHIP;22UF,20%,4V,WT,TP,2012	
C203	2404-001338	C-TA,CHIP;220UF,20%,4V,WT,TP,3528	
C202	2404-001338	C-TA,CHIP;220UF,20%,4V,WT,TP,3528	
L2	2703-001167	INDUCTOR-SMD;8.2nH,5%,1608	
L1	2703-001167	INDUCTOR-SMD;8.2nH,5%,1608	
L14	2703-001871	INDUCTOR-SMD;10uH,20%,6060	
LD1	2703-001873	INDUCTOR-SMD;4.7uH,20%,6060	
LD2	2703-001873	INDUCTOR-SMD;4.7uH,20%,6060	
L12	2704-000005	INDUCTOR-SMD-ARRAY;90OHM,50V,370MA,-,0.3	
Y2	2801-003856	CRYSTAL-SMD;0.032768MHz,20ppm,28-ACP,7pF	
Y1	2801-004277	CRYSTAL-SMD;24MHz,50ppm,28-ACF,12pF,50oh	
Y3	2801-004318	CRYSTAL-SMD;12MHz,20ppm,-,12PF,80ohm,TP	
L21	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L25	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L3	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L30	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L33	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L40	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L8	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L11	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L15	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L16	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L17	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L20	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L19	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L18	3301-001262	BEAD-SMD;1000ohm,1.6x0.8x0.8mm,190mA,,,	
L4	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
LD3	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
LD4	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
LD5	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
LD8	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
L29	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
L31	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
L32	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
L38	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
L39	3301-001477	BEAD-SMD;60ohm,2.0x1.2x0.6mm,3000mA,TP,	
SW11	3404-001143	SWITCH-TACT;12VDC,20mA,180gf,3.2x4.9x1.7	
SW8	3408-001038	SWITCH-SLIDE;4V,300mA,SPST,ON-ON,-	
SW10	3408-001038	SWITCH-SLIDE;4V,300mA,SPST,ON-ON,-	
J10	3708-001912	CONNECTOR-FPC/FFC/PIC;9P,0.5mm,SMD-A,AU,	
J12	3708-001912	CONNECTOR-FPC/FFC/PIC;9P,0.5mm,SMD-A,AU,	
J4	3708-001919	CONNECTOR-FPC/FFC/PIC;20P,0.5MM,SMD-A,AU	
J5A	3710-001942	CONNECTOR-INTERFACE;24P,1R,0.5MM,SMD-A,A	
J2	3711-002162	CONNECTOR-HEADER;BOX,2P,1R,1.25MM,SMD-S,	
J30	3711-005183	CONNECTOR-HEADER;BOX,40P,2R,0.4MM,SMD-S,	
J6	3722-001953	JACK-EAR PHONE;6P,-,AG,BLACK,-	
J7	3722-001979	JACK-EAR PHONE;6P,-,AG,BLK,-	

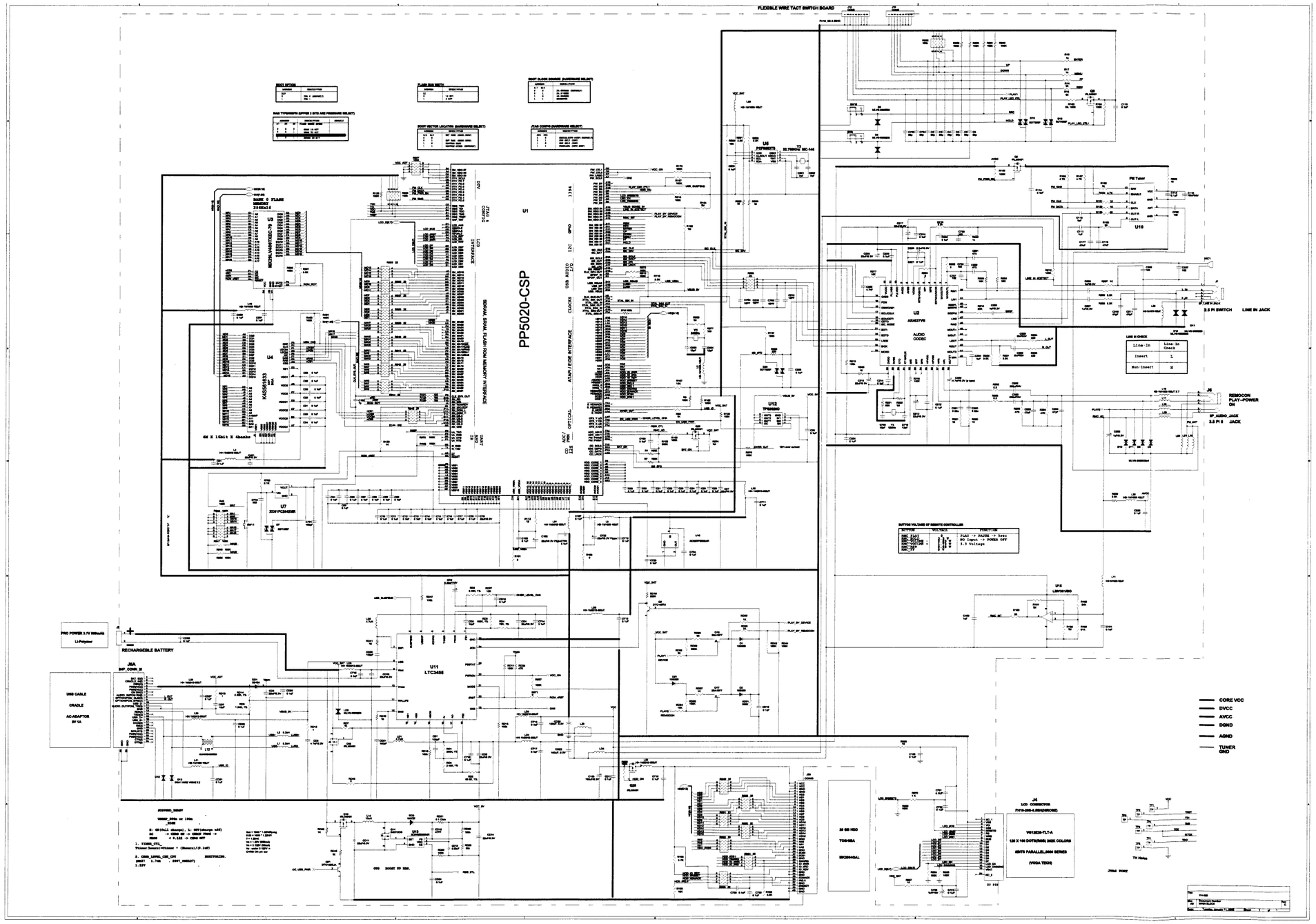
Location no.	Code no.	Description & Specification	Remarks

3. Block Diagram

YH-925 BLOCK DIAGRAM



4-1 Main


FLEXIBLE WIRE TACT SWITCH BOARD
PP5020-CSP
U1
U2
AS4627V6
AUDIO CODEC
U4
K4S561633
U7
U11
LTC3456
RECHARGEBLE BATTERY
PRO POWER 3.7V 900mAh
Li-Polymer
USB CABLE
CRADLE
AC-ADAPTOR
5V 1A
U12
TPS5602
U15
LM9201MSO
U16
U18
FM Tuner
2.5 PI SWITCH
LINE IN JACK
REMOCON
PLAY-POWER
ON
3P_AUDIO_JACK
2.5 PI 6 JACK
30 GB HDD
TOSHIBA
MK3004GAL
J4
LCD CONNECTOR
FY10-200-A-BW(NEWCHIC)
VR16230-TLT-A
128 X 160 DOTS(65K) 262K COLORS
8BITS PARALLEL,68M SERIES
(YODA TECH)
CORE VCC
DVCC
AVCC
DGND
AGND
TUNER
GND